

# Index to Volume XL

---

May, 1959 — April, 1960

Nos. 463 to 474



19 Harcourt Street, London, W.1

# Index to Volume XL

May 1959—April 1960

Nos. 463 to 474

## A

- Administration and Operation of Ports, 371
- Administration of Terminal Facilities for Overseas Trade, 134, 165
- Aerial Ropeways in Handling Ships' Cargo, The Use of, 139
- Amsterdam, New Refrigerated Warehouse at, 80
- Approach Jetty at Swansea, New, 122
- Arklow, Port Improvement Scheme, 363
- Australia, Unit Cargo Experiments, 189
- Australian Stevedoring Industry Authority 1958, 16, (1959), 235
- Avonmouth Docks Developments, Bristol, 180

## B

- Beauharnois Canal, Dredging of, 69
- Book Reviews:
  - Browns Nautical Almanac, 1960, 255
  - Cathodic Protection: Its Theory and Practice in the Prevention of Corrosion, 315
  - Decay of Timber and its Prevention, 290
  - Dock and Harbour Engineering, Vol. II, 152
  - Elements of Cargo Handling, 151
  - Fumigation with Methyl Bromide under Gas Proof Sheets, 290
  - Hydraulic Research in United States, 1959, 290
  - Port of London Guide, 255
  - Ports of the World, 13th Edition, 216
  - Proceedings of 7th Hydraulics Conference 1958, 255
  - The Port of New York, 151
  - Structural Use of Prestressed Concrete in Buildings, 225
  - The Port of New York, 151
- Breakwater Reconstruction, Ramsey Harbour, I.O.M., 170
- Bristol, Proposed Developments at Avonmouth Docks, 180
- Bulk Wine Berth, London Dock, New, 309
- Buoy Construction, Reinforced Plastics in, 387
- Buoy for Shipping and Petroleum Transport, 123

## C

- Canadian Features of St. Lawrence Seaway Navigation Works, 39
- Canadian National Harbours Board Annual Report 1958, 144
- Cape Town Pre-Cooling Stores, 113
- Car Ferries, and Train, 8
- Cargo Handling, Ship Design for Efficient, 209
- Chamber of Shipping Annual Report, 345
- Channel Tunnel Project, The, 317
- Chicago, Port of, 59
- Churchill, Trade at the Port of, 217
- Cleveland, Ohio, Port of, 57
- Coastal Engineering, Sixth Conference on, 29
- Coastal Engineering Study at Fort Pierce, Florida, 342
- Construction of Quay Wall at Port of Matadi, Belgian Congo, 385

- Correspondence, 221, 234, 269, 323, 354, 383
- Corrosion Testing Stations in U.S.A., 150
- Crane, New Dockside, 256
- Cranes, Oil Hydraulic Operation of, 14
- Curing Concrete, 222
- Current Meters, New Development in, 205

## D

- Decca River Radar, New, 258
- Density Currents and Siltation in Docks and Tidal Basins, 72
- Design of Quayside Shed at Port of Tamatave, 238
- Detroit, Port of, 58
- Developments in Lighthouse Engineering, 251
- Dock and Harbour Authorities' Association, 1959, 321
- Dock and Harbour Engineer, Metallurgical Progress and the, 249
- Dock Labour, A Review of, 283
- Docks and Tidal Basins, Density Currents and Siltation, 72
- Dockside Crane, New, 256
- Dolphins, Elastic of Uniform Strength, 268
- Documents, Simplification of Shipping, 243, 271
- Documentation at Ports, Problem of, 271
- Dredge "Hapai" Salvage of, 85
- Dredge, New for Port Taranaki, 286
- Dredger "Sir Crawford", The, 26
- Dredging Beauharnois Canal, 69
- Dredging the St. Lawrence Seaway, 68
- Dredging the Great Lakes Channels, 66
- Dry Dock, The Duke of Edinburgh, Swansea, 195
- Dry Docks, Pumping Plant for, 347
- Dyke Building, New Methods Used in, 119

## E

- East African Harbours, 1958, 12
- Editorial Notes: 1, 37, 71, 95, 125, 157, 193, 227, 261, 293, 327, 361
- Elastic Dolphins of Uniform Strength, 268
- Engineering Works at Long Sault Canal, 53
- Ensenada, The Port of, 378
- Esso Marine Terminal at Milford Haven, 212
- Extension of East Wharf, Singapore, 276

## F

- Fendering on Jetty at Northfleet, 78
- Finnart Ocean Terminal, 127
- Firefloat for Swansea Docks, New, 389
- Firing-Unit for Steam Cranes, New, 94
- Floating Dock, Large German, 219
- Fluorescent Substances as Tracers for Studying Movements of Sand on Sea Bed, 280
- Fort Pierce, Florida, Coastal Engineering Study at, 342

## G

German Floating Dock, 219  
Glasgow, Port of, 245  
Great Lakes Channels, Dredging of, 66

## H

Hamilton, Port of, 52  
Handling Ships' Cargo, Use of Aerial Ropeways, 139  
Hinkley Point Atomic Power Station, Launch of Caisson for, 76  
Hobart Tasmania, Port of, 295  
Hull, Improvements at King George Dock, 218  
Hull, Riverside Quay Reconstruction Works, 92  
Hydraulically Operated Steel Hatch Covers, 28  
Hydraulics Research at Wallingford, 1958, 200

## I

I.M.O.D.C.O. Buoy for Shipping and Petroleum Transport, 123  
Improvements at King George Dock, Hull, 218  
International Pallets, 332

## J

Japan, Research on Port Development and Harbour Works, 159  
Japanese Study of a Pneumatic Breakwater, 3rd Fullscale Test, 117

## K

King George Dock, Hull Improvements, 218

## L

Lake Superior Harbours, 63  
Langston Harbour, Hampshire, Tidal Measurements in, 172  
Launch of Caisson for Hinkley Point Atomic Power Station, 76  
Legislation in the Port Industry, 357  
Licensed Wharfingering System at Port of Melbourne, 120  
Lighthouse Engineering, Developments in, 251  
Litigation in the Port Industry, 31, 103, 288  
Liverpool Observatory and Tidal Institute, 340  
Liverpool Steam Ship Owners' Association Report, 370  
Locomotives, New, for Manchester Ship Canal Company, 213  
London Dock, New Bulk Wine Berth, 309  
Long Sault Canal Engineering Works, 53

## M

Manchester Ship Canal Company, New Locomotives, 213  
Manufacturers' Announcements, 35, 124, 153, 191, 225, 256, 291, 324, 359, 390  
Marine Information Co-Ordinator (M.I.C.), 23  
Maritime Transportation Research, 137  
Materials Handling and Ships, 106  
Mechanical Equipment in Ports, 304  
Mechanisation in U.K. Ports, 32  
Melbourne, Licensed Wharfingering System at Port, 120  
Metallurgical Progress and the Dock and Harbour Engineer, 249  
Miami, Florida, New Port at, 375  
Milford Haven, Esso Marine Terminal, 212  
Milford Haven New Tugs, 257  
Modernisation of Penang Ferry Service, 277  
Montreal, Port of, 46  
Movement Predictor for Floating Bodies for Use with a Sea-Wave Recorder, 302

## N

National Dock Labour Board, Annual Report 1958, 77  
New Development in Current Meters, 205  
New Firefloat for Swansea Docks, 389  
New Port at Miami, Florida, 375  
Newport Docks, New Transit Shed, 187  
New Zealand Waterfront Industry, Report for 1958, 346  
Northfleet Jetty, Fendering on, 78  
Nuclear-Powered Merchant Ships, Safety of, 377  
Nylon Fabric in Dyke Building, 119

## O

Ocean Terminal at Finnart, 127  
Offshore Oil Terminal of New Design, 357  
Oil-Hydraulic Operation of Cranes, 14  
Oil Jetties for Thames Haven, New, 97  
Oil Loading Terminal for Pakning, Sumatra, 329  
Oil Port of Wilhelmshaven, 229  
Oil Tanker Accommodation at Tranmere, 220  
Operation and Administration of Ports, 371

## P

Pakning, Sumatra, Oil Loading Terminal for, 329  
Pallets, International, 332  
Passenger and Vehicle Ferry, New, 84  
Pattern of Sediment Transport for Sea Floors around S. Britain, 145  
Penang Ferry Service, Modernisation of, 277  
Permanent International Association of Navigation Congresses, Annual Report, 278  
Pneumatic Breakwater, Japanese Study of, 117  
Pneumatic Ship Discharging Plants at Montreal and Quebec, 104  
Pollution Study of Thames Estuary, 79  
Port Industry, Legislation in, 357  
Port Industry, Litigation in, 31, 103, 288  
Port of Arklow Improvement Scheme, 363  
Port of Chicago, 59  
Port of Cleveland, Ohio, 57  
Port of Detroit, 58  
Port of Ensenada, Mexico, 378  
Port of Glasgow, 245  
Port of Hamilton, 52  
Port of Hobart, Tasmania, 295  
Port of London, Royal Albert Dock, Reconstruction of Transit Sheds, 203  
Port of London, Smoke Elimination in, 182  
Port of Matadi, Belgian Congo, Construction of Quay Wall at, 385  
Port of Montreal, 46  
Port of Quebec, 42  
Port of Tema, 263  
Port of Three Rivers, 44  
Port of Toronto, 50  
Port of Workington, 34  
Ports, Mechanical Equipment in, 304  
Ports, The Operation and Administration of, 371  
Pre-Cooling Stores at Cape Town, 113  
Predictor, Movement for Floating Bodies for Use with a Sea-Wave Recorder, 302

Prevention of Oil Pollution, 20  
Problem of Documentation at Ports, 271  
Propulsive and Steering Devices for Modern Tugs, 147  
Pumping Plant for Dry Docks, 347

## Q

Quay Wall at Port Matadi, Belgian Congo, Construction of, 385  
Quebec, Port of, 42

## R

Reconstruction of North Breakwater, Ramsey Harbour, I.O.M., 170  
Reconstruction of Transit Sheds, Royal Albert Dock, Port of London, 203  
Refrigerated Warehouse, New at Amsterdam, 80  
Reinforced Plastics in Buoy Construction, 387  
Removal of Roosevelt Bridge, 55  
Renewal of Gates at Sharpness Docks, 373  
Research on Port Development and Harbour Works in Japan, 159  
Review of Dock Labour, A, 283  
Riverside Quay Reconstruction, Port of Hull, 92  
Rochester, Strengthening a Reinforced Concrete Wharf, 3  
Royal Albert Dock, Port of London, Reconstruction of Transit Sheds, 203

## S

Safety of Nuclear-Powered Merchant Ships, 377  
Salvage of Dredge "Hapai", 85  
Sediment Transport Pattern for Sea Floors around S. Britain, 145  
Sharpness Docks, Renewal of Gates at, 373  
Ship Design for Efficient Cargo Handling, 209  
Shipping Documents, Simplification of, 243  
Ships and Materials Handling, 106  
Ships, Tonnage Measurement of, 380  
Siltation and Density Currents in Docks and Tidal Basins, 72  
Simplification of Shipping Documents, 243  
Singapore, Extension of East Wharf at Port, 276  
Smoke Elimination in Port of London, 182  
Steam Cranes, New Firing Unit for, 94  
St. Lawrence Seaway-Canadian Features of Navigation Works, 39  
St. Lawrence Seaway, Dredging of, 68  
St. Lawrence Seaway Winter Navigation, 65

Strengthening a Reinforced Concrete Wharf at Rochester, 3  
Studying Movements of Sand on Sea Bed, Fluorescent Substances as Tracers, 280  
Superior Lake Harbours, 63  
Surfacing of Wharves, Roads and Warehouse Floors in Dock Areas, 311, 335  
Swansea Docks, New Firefloat for, 389  
Swansea, New Approach Jetty, 122  
Swansea, The Duke of Edinburgh Dry Dock, 195

## T

Tamatave Port, Design of Quayside Shed for, 238  
Taranaki, New Dredge for Port, 286  
Tema, Port of, 263  
Thames Estuary, Pollution Study, 79  
Thames Haven, New Oil Jetties, 97  
Three Rivers, Port of, 44  
Tidal Measurements in Langston Harbour, Hampshire, 172  
Tonnage Measurement of Ships, 380  
Topical Notes, 228  
Toronto, Port of, 50  
Trade at Port of Churchill, 217  
Train and Car Ferries, 8  
Tranmere Oil Tanker Accommodation, 220  
Transit Shed, New at Newport Docks, 187  
Transportation Research, Maritime, 137  
Trent and Mersey Canal Improvements, 21  
Tugs for Milford Haven, 257  
Tugs, Modern Propulsive and Steering Devices, 147

## U

U.K. Ports, Mechanisation in, 32  
Unit Cargo Experiments in Australia, 189  
U.S.A. Corrosion Testing Stations, 150

## V

Vehicle and Passenger Ferry, New, 84

## W

Wales and its Seaboard, 90  
Wharfingering, Licensed System at Port of Melbourne, 120  
Wharves, Roads and Warehouse Floors in Dock Areas, The Surfacing of, 311  
Wilhelmshaven, Oil Port of, 229  
Winter Navigation on St. Lawrence Seaway, 65  
Workington, Port of, 34

3  
stances

Doc

172

20  
s, The